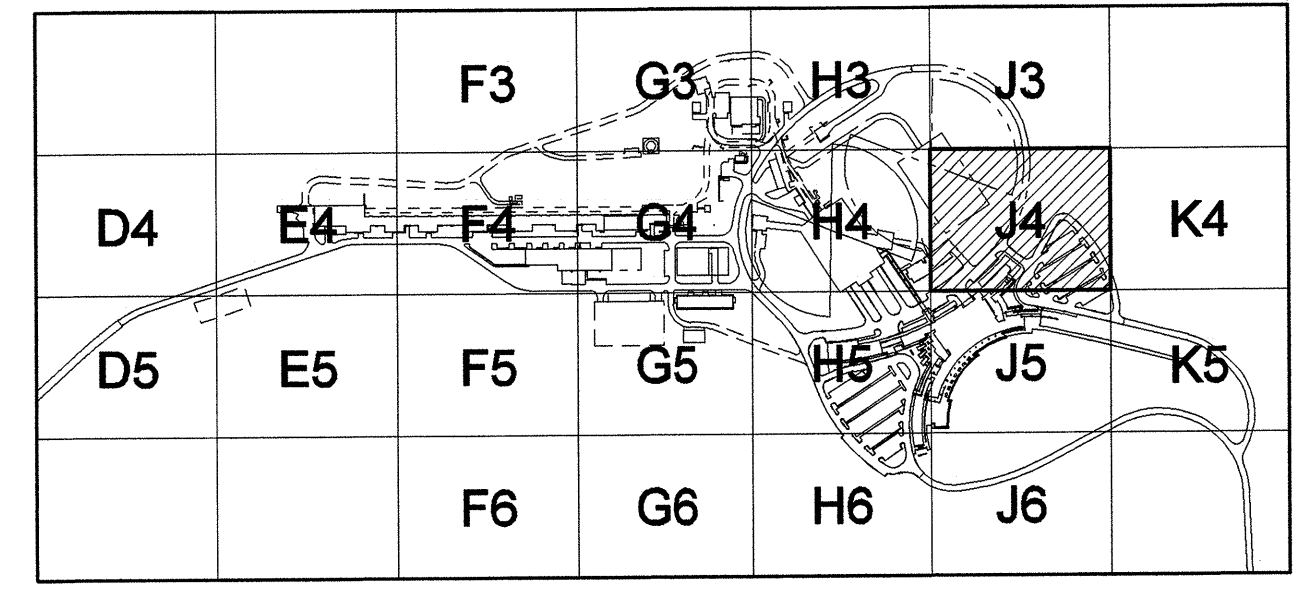
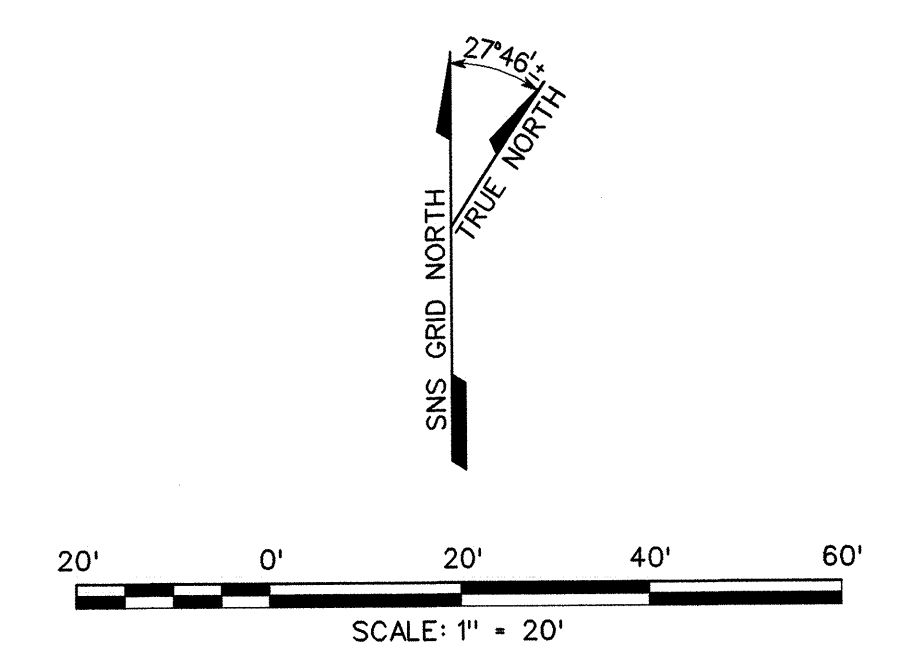


- NOTES**
- NORTH BASED ON THE SNS COORDINATE SYSTEM NAD 83 (88). THE SNS GRID ORIGIN POINT IS LOCATED AT X-10 GRID COORDINATES N-27,612.739050 AND E-38,196.144070 WITH THE SNS GRID BEING ROTATED 6 DEGREES CLOCKWISE FROM THE X-10 GRID AT THAT POINT. (88) REFERS TO THE YEAR MARTIN MARETTA ENERGY SYSTEM (MMES) ESTABLISHED G.P.S. MONUMENTS ON THE OAK RIDGE RESERVATION USING VALUES PUBLISHED IN 1986 BY THE TN. DEPT. OF TRANSPORTATION WHICH TIED THE MMES G.P.S. MONUMENTS TO THE TN. GEODETIC REFERENCE NETWORK SYSTEM.
 - SEE DRAWING USS0.34.02 FOR GENERAL NOTES AND LEGEND.
- KEY NOTES**
- SITE CONTOURS AND STORM DRAINAGE CONFIGURATION ARE LOCATED IN THE INITIAL SITE PREPARATION PACKAGE, SNS CONTRACT NUMBER OOF-1823-01, REFERENCE LATEST REVISION.
 - SITE MECHANICAL PIPING, DUCTS, AND ELECTRICAL IMPROVEMENTS ARE SHOWN ON THIS DRAWING FOR REFERENCE ONLY. SEE DRAWINGS UHJ2.61.J4 AND UEL2.61.H5 FOR LOCATION OF THESE IMPROVEMENTS.
 - SITE WATER AND FIRE PROTECTION PIPING IS SHOWN ON THIS DRAWING FOR REFERENCE ONLY. SEE DRAWING UWT3.34.J4 FOR THE LOCATION OF THESE IMPROVEMENTS.
 - SEE DRAWING USS4.34.06 FOR SANITARY SEWER PROFILES.
 - SEE DETAIL 1, DRAWING USS6.34.02 FOR TRENCHING AND COMPACTION REQUIREMENTS.
 - PRIOR TO BEGINNING CONSTRUCTION CONFIRM THE LOCATION AND ELEVATION OF ALL BUILDING PIPING CONNECTIONS WITH THE CONSTRUCTION MANAGER.
 - SEE DRAWING UEL2.61.J4 FOR ELECTRICAL POWER AND INSTRUMENTATION CONNECTIONS.



KEY PLAN



Knight/Jacobs
701 Scenic Road, Suite 200
Oak Ridge, TN 37830
865-241-9433
for 865-241-3400

BWSC
Battelle-Washington
Battelle &
Battelle, Inc.
ENGINEERS, ARCHITECTS, PLANNERS,
LANDSCAPE ARCHITECTS, AND
SCIENTISTS
4800 Central Expressway, Suite 200
Oak Ridge, TN 37830-6001
www.bwsc.com

UT-BATTELLE
PROJECT NAME:
SPALLATION NEUTRON SOURCE

108040000-U8E-8000-A226

**SITE UTILITIES
SANITARY SEWER PLAN
BLOCK J4**

REV	DATE	DESCRIPTION	BY	CHKD	APP'D	DATE	REV	DATE	DESCRIPTION	BY	CHKD	APP'D	DATE
1	4/8	50	PLANT				BLDG	8000	FL	X	1	P	U
3	U	X	X	8			WBS	1.8.4	USS3.34.J4				0
51	NC	NA	IN										

MicroStation

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NUMBER OF SECTION OR DETAIL

DRAWING ON WHICH SECTION OR DETAIL IS SHOWN OR TAKEN

SECTION AND DETAIL KEY

THIS DOCUMENT CONTROLLED BY

CHANGE CONTROL SYSTEM 4

ENGINEERING PROCEDURE SNS-ENG-0001

REVISION OR ISSUE PURPOSE										REVISION APPROVALS									
REV	DATE	DESCRIPTION	DSN	CHK	DEPT	PE	DATE	DATE	DATE	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM
0	A	4	8	CNMS	REVISIONS - DCN T1-SU1-08 - 12/9/02	DH	MM												
1	10/2	11/2	11/2																
2	10/2	11/2	11/2																
3	10/2	11/2	11/2																
4	10/2	11/2	11/2																
5	10/2	11/2	11/2																
6	10/2	11/2	11/2																
7	10/2	11/2	11/2																
8	10/2	11/2	11/2																

DENNIS L. HAMMAKER
Professional Engineer
No. 12022
Exp. 12/9/02

RPE

DSGN D HAMMAKER 12/9/02

DRW T PAROLARI 12/9/02

CHKR M MACINDOE 12/9/02

DEPT

SECT

PE

PJ

REQ

UTB

DATE

DRAWING APPROVALS